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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/080,488	02/22/2002	Henery Esmond Butterworth	GB919990129US1

CONFIRMATION NO. 8490

FORMALITIES LETTER



\*OC000000007678729\*

Brian C. Kunzler  
10 West 100 South  
Salt Lake City, UT 84101

Date Mailed: 03/20/2002

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

*A copy of this notice **MUST** be returned with the reply.*

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PART 2 - COPY TO BE RETURNED WITH RESPONSE

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IN THE UNITED STATES

**PATENT AND TRADEMARK OFFICE**

APPLICANT(S): HENERY E. BUTTERWORTH, ROBERT B. NICHOLSON, WILLIAM J. SCALES, AND DOUGLAS TURNER

SERIAL NO.: 10/080,488

FILING DATE: FEBRUARY 22, 2002

TITLE: LOG-STRUCTURE ARRAY

EXAMINER:

GROUP ART 2818

UNIT:

ATTY. DKT. GB919990129US1

No.:

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner For Patents, Washington, D.C. 20231, on the date shown below:

Dated: 3/26/02

By: *Brian Kunzler*  
Brian Kunzler, Reg. No.: 38,527

**BOX MISSING PARTS  
ASSISTANT COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231**

**RESPONSE TO NOTICE TO FILE MISSING  
PARTS OF APPLICATION**

SIR:


Responsive to Form PTO-1533 dated 3/20/02 received in the above-identified patent application, enclosed are:

- a copy of the Notice to File Missing Parts;
- a signed Declaration and Power of Attorney and Assignment
- payment in the amount of \$130.00 for the surcharge;

Respectfully submitted,

**PATENT**

Dated:

By: 

Brian C. Kunzler, Reg. No.:38,527

10 West 100 South, Suite 425

Salt Lake City, UT 84101

Telephone: (801) 994-4646

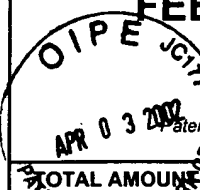
Fax.: (801) 322-1054

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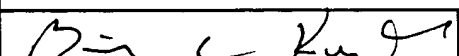
Please type a plus sign (+) inside this box → ☐

PTO/SB/05 (12/97)  
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>FEE TRANSMITTAL</b>  <p>Note: Effective October 1, 1997. Patent fees are subject to annual revision.</p>		<b>Complete If Known</b>	
		Application Number	10/080,488
		Filing Date	February 22, 2002
		First Named Inventor	Henry Esmond Butterworth
		Group Art Unit	2818
		Examiner Name	
TOTAL AMOUNT OF PAYMENT	\$ 170	Attorney Docket Number	GB919990129US1

<b>METHOD OF PAYMENT (check one)</b>		<b>FEE CALCULATION (continued)</b>																																																																																																																																																																									
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:  Deposit Account Number: <u>09-0466</u>  Deposit Account Name: <u>IBM CORPORATION</u>  <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Charge the Issue Fee In 37 CFR at the Mailing of the Notice of Allowance  2. <input type="checkbox"/> Payment Enclosed:  <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other		<b>3. ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td>130</td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147</td> <td>2520</td> <td>147</td> <td>2520</td> <td>For filing a request for reexamination</td> <td></td> </tr> <tr> <td>112</td> <td>920*</td> <td>112</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>113</td> <td>1840*</td> <td>113</td> <td>1840*</td> <td>Requesting publication of SIR after Examiner action</td> <td></td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>116</td> <td>400</td> <td>216</td> <td>200</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>117</td> <td>920</td> <td>217</td> <td>460</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>118</td> <td>1440</td> <td>218</td> <td>720</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>128</td> <td>1960</td> <td>228</td> <td>980</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>119</td> <td>320</td> <td>219</td> <td>160</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>120</td> <td>320</td> <td>220</td> <td>160</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121</td> <td>280</td> <td>221</td> <td>140</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>138</td> <td>1510</td> <td>138</td> <td>1510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to revive - 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<b>SUBMITTED BY</b>				<b>Complete (if applicable)</b>	
Typed or Printed Name <u>Brian C. Kunzler</u>				Reg. Number <u>38,527</u>	
Signature 				Date <u>Mar 26, 2002</u>	Deposit Account User ID _____

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